

UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
NSC1-H2610 [P04882 D1]

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

LOW DOPED BASED SPACER FOR REDUCTION OF EMITTER-BASE CAPACITANCE IN BIPOLAR TRANSISTORS WITH SELECTIVELY GROWN EPITAXIAL BASE

and invented by:

Alexei Sadovnikov

03916 U.S. PTO
10/669045
092303

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/885,462

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 8 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

EXPRESS MAIL CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Service" Label No. EV338306218US, postage paid in an envelope, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 23, 2003

Dated: 09/23/03 By: STALLMAN & POLLOCK, L.L.P.

Name

LANA T. BRENNER

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Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal Number of Sheets _____
- b. ☒ Informal Number of Sheets 3
4. ☒ Oath or Declaration
- a. ☐ Newly executed (original or copy) ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☐ With Power of Attorney ☒ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EV338306218US

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Docket No.
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Total Pages in this Submission

Accompanying Application Parts (Continued)

17. ☒ Additional Enclosures *(please identify below)*:

1. Copy of an executed Power of Attorney by Assignee;
2. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i); and
3. Copy of Request for 3-Month Extension of Time for prior application No. 09/885,462

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☒ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED

| For | #Filed | #Allowed | #Extra | Rate | Fee |
|--|--------|----------|--------|-----------|----------|
| Total Claims | 3 | - 20 = | 0 | x \$18.00 | \$0.00 |
| Indep. Claims | 1 | - 3 = | 0 | x \$84.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| BASIC FEE | | | | | \$750.00 |
| OTHER FEE (specify purpose) _____ | | | | | \$0.00 |
| TOTAL FILING FEE | | | | | \$750.00 |

- ☒ A check in the amount of **\$750.00** to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **50-1703** as described below.
- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Signature

Michael J. Pollock
Reg. No. 29,098
STALLMAN & POLLOCK LLP
121 Spear Street, Suite 290
San Francisco, CA 94105

Dated: September 23, 2003

cc:

Telephone: (415) 512-1312
Facsimile: (415) 512-1362

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)
(Large Entity)

Docket No.
NSC1-H2600

In Re Application Of: **Alexei Sadovnikov**



Serial No.
09/885,462

Filing Date
June 20, 2001

Examiner
Jesse A. Fenty

Group Art Unit
2815

Invention: **LOW DOPED BASED SPACER FOR REDUCTION OF EMITTER-BASE CAPACITANCE IN BIPOLAR TRANSISTORS WITH SELECTIVELY GROWN EPITAXIAL BASE**

TO THE COMMISSIONER FOR PATENTS:

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of **March 27, 2003** above-identified application.
Date

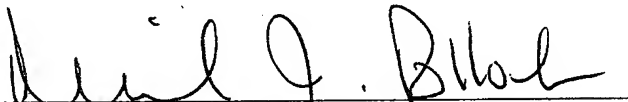
The requested extension is as follows (check time period desired):

☐ One month ☐ Two months ☒ Three months ☐ Four months ☐ Five months

from: **June 27, 2003** until: **September 27, 2003**
Date *Date*

The fee for the extension of time is **\$930** and is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **50-1703**
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **50-1703**


Signature

Dated: **September 23, 2003**

Michael J. Pollock
Reg. No. 29,098
STALLMAN & POLLOCK LLP
121 Spear Street, Suite 290
San Francisco, CA 94105

Telephone: (415) 512-1312
Facsimile: (415) 512-1362

CC:

I certify that this document and fee is being deposited **September 23, 2003** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Signature of Person Mailing Correspondence

Lana T. Brenner

Typed or Printed Name of Person Mailing Correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alexei Sadvnikov

Application No.: NEW

Filed: HEREWITH

For: LOW DOPED BASED SPACER FOR
REDUCTION OF EMITTER-BASE
CAPACITANCE IN BIPOLAR
TRANSISTORS WITH
SELECTIVELY GROWN
EPITAXIAL BASE

Group No.: Unknown

Examiner: Unknown

**NONPUBLICATION REQUEST UNDER
35 U.S.C. 122(b)(2)(B)(i)**

121 Spear Street, Suite 290
San Francisco, CA 94105

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22310-1450

Sir:

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at 18 months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

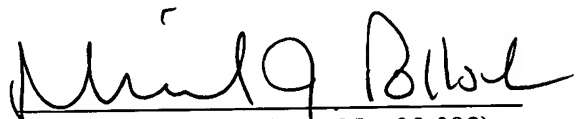
Respectfully submitted,

STALLMAN & POLLOCK LLP

Date:

9-23-2003

By:



Michael J. Pollock (Reg. No. 29,098)

Attorneys for Applicant(s)

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